

Improving diagnostic access for 1.5M citizens in Northern Greece

Consolidating 44 labs to 3 core labs with Atellica Integrated Automation

4th Health Region of Macedonia and Thrace

9 Regions of Northern Greece



The 4th Health Region of Macedonia and Thrace (YPE) territorial responsibility extends over 9 regions with population served of 1.5 million citizens.

- Public Network
- 3 Hubs and 44 spokes
- Up to 400 samples/hour



44
Spokes



3
Hubs



1.5M
Citizens



Challenges

- Fragmented laboratory infrastructure across 9 regions
- Limited diagnostic access in remote and border regions
- Shortage of medical staff
- Increasing testing demand



Risks

- Delayed diagnostic results
- Inconsistent quality of care
- Risk of sample loss during transport
- Patient and clinicians' dissatisfaction



Objective

- Equal diagnostic access across urban and rural areas
- Faster and more reliable laboratory services
- Improved coordination across the regional healthcare system

Atellica Integrated Automation enables same-day results and improves turnaround time and operational efficiency



Solution

- Investment in transformation
- Regional approach to diagnostic modernization
- Centralization of routine testing into 3 core labs
- New benchmark and **state of art diagnostics solutions**



Configuration: 3 systems with Atellica Integrated Automation (AIA)



Outcomes

- Expanded diagnostic access to 1.5M citizens with existing resources
- **Testing volumes doubled** with fast, high-quality results and 10/10 clinicians and staff NPS
- **Same-day diagnostic results** for faster clinical decisions
- **Automated workflows** improving efficiency, safety, and productivity

1.5M
citizens supported by
the network

1 Day
immunoassay results
vs. 3 to 5 days

+43%
increase in
testing Volume

79%
cost reduction
with expansion 8.8x

"We are committed to ensuring equal, high-quality healthcare access for every citizen, investing in infrastructure, people, and innovation to continuously improve health services across our region."



Dr. Panagiotis Boyatzidis
General Director of the 4th YPE
Assistant Professor at University of
Western Macedonia

"Our priority was a solution that combined reliability, speed and scalability, requirements fully met by the Atellica IM platform, enabling network- wide standardization and growth."



Christina Chatzifilippidou
Lab Director, Biopathologist 4th YPE

Success Factors

1

**Advanced
Innovation**

2

**Trusted
Partnership**

3

**Elevated Patient
Experience**

The statements by Siemens Healthineers' customers described herein are based on results that were achieved in the customer's unique setting. Because there is no "typical" hospital or laboratory and many variables exist (e.g., hospital size, sample mix, case mix, level of IT and/or automation adoption) there can be no guarantee that other customers will achieve the same results.

Product availability varies by country and is subject to varying regulatory requirements. Their future availability cannot be guaranteed. Please contact your local representative for availability.

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